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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: David W. Edmunds, Group Art Unit: 2171
Robert Minns, and
James W. Sinclair
Serial No.: 10/016,262 Examiner: Unknown
Filed: November 2, 2001 Docket No.: 1028-004US01
Title: CALCULATION ENGINE FOR USE IN OLAP ENVIRONMENTS

CERTIFICATE UNDER 37 CFR 1.8: I hereby certify that this correspondence is being deposited with the United States Post Service, as First Class Mail, in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231 on May 6, 2002.

By: Samantha J. Rupert
Name: Samantha J. Rupert

INFORMATION DISCLOSURE STATEMENT

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Commissioner for Patents
Washington, D.C. 20231

MAY 23 2002
Technology Center 2100

Dear Sir:

Applicant submits the reference listed on the attached form PTO-1449, copies of which are enclosed.

This statement is being filed before the receipt of a first Office Action on the merits.

Respectfully submitted,

Date: May 6, 2002

Kent J. Sieffert
By: Kent J. Sieffert
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